

(C) WPI/Derwent

AN. - 1992-054916 [30]

AP - SU19894645441 19890201

CPY - URKI

DC - M21 P52

FS - CPI;GMPI

IC - B21J1/04

IN - IVANOV A V; KONDRATEV V I; POTUPCHIK A I

PA - (URKI ) URALS KIROV POLY

PN - SU1634355 A 19910315 DW199207 000pp

PR - SU19894645441 19890201

XA - C1992-025017

XIC - B21J-001/04

XP - N1992-041710

AB - SU1634355 Hollow blank (2) is fed in axial direction under forging dies (1) and carries out forging on outer surface to the value of external dia. of finished job. Tubular blank is previously worked on mandrel, the dia. of which is chosen from a series of mandrel diameters, within range w.r.t. inner dia. of forging, mandrel dia., and max.-achievable inner dia. of intermediate blank for subsequent forging without mandrels, and the outer dia. of mandrel.

- USE/ADVANTAGE - In pressure treatment of metals, e.g. forging tubular blanks on radial forging machine. Quality is increased and cost reduced by increasing forging ratio and cutting range of forgings dies. Bul.10/15.3.91

- (Dwg.1/2 a use m)

IW - FORGE HOLLOW BLANK RADIAL FORGE MACHINE FORGE DIE INITIAL TUBE BLANK  
FEED MANDREL INTERMEDIATE BLANK

IKW - FORGE HOLLOW BLANK RADIAL FORGE MACHINE FORGE DIE INITIAL TUBE BLANK  
FEED MANDREL INTERMEDIATE BLANK

INW - IVANOV A V; KONDRATEV V I; POTUPCHIK A I

NC - 001

OPD - 1989-02-01

ORD - 1991-03-15

PAW - (URKI ) URALS KIROV POLY

TI - Forging of hollow blanks on radial-forging machine - using forging dies into which initial tubular blank is fed over mandrel for intermediate blank

REF. AVAILABLE COPY